

CLAIM LISTING

1. (Original) A method of generating electric power, comprising:
providing an amount of fuel to start an internal combustion engine as a function of engine temperature, the engine including a number of combustion chambers and corresponding reciprocating pistons;
determining initial operation of the engine as a function of rotational engine speed in response to said providing;
controlling engine acceleration from the initial operation to reach a target engine speed at a target time; and
driving an electric power generator with the engine.
2. (Original) The method of claim 1, which includes governing speed of the engine after reaching the target engine speed.
3. (Original) The method of claim 1, wherein the fuel is of a diesel type.
4. (Original) The method of claim 1, wherein said controlling includes calculating the engine acceleration from engine rotational speed and a time period determined relative to the initial operation of the engine.
5. (Original) The method of claim 1, wherein said controlling includes regulating fuel supplied to the engine to provide the engine acceleration calculated to provide the target speed at the target time.
- Claim 6. (Canceled).
7. (Original) The method of claim 1, wherein said determining includes detecting performance of the engine at or above at least one of an engine speed threshold and an engine acceleration threshold.

Claims 8 – 20. (Canceled).

21. (New) The method of claim 1, wherein the controlling engine acceleration comprises reducing fuel provided to the engine before the target engine speed is reached to reduce smoke output by the engine.

22. (New) The method of claim 1, wherein the providing of the amount of fuel includes fueling the engine with a number of fuel injectors.

23. (New) The method of claim 1, wherein the engine includes a turbocharger.

24. (New) The method of claim 1, which includes:

providing the electric power from the generator to a first input of a routing switch;
providing a utility power bus input to a second input of the routing switch; and
with the routing switch, selecting between the generator and the utility power bus to power an electric load bus.

25. (New) A method of generating electric power, comprising:

providing an amount of fuel to start an internal combustion engine as a function of engine temperature, the engine including a number of combustion chambers and corresponding reciprocating pistons;

determining initial operation of the engine as a function of rotational engine speed in response to said providing;

controlling engine acceleration from the initial operation to reach a target engine speed at a target time, wherein said controlling includes regulating fuel supplied to the engine to provide the engine acceleration calculated to provide the target speed at the target time; and

driving an electric power generator with the engine, wherein said regulating includes reducing the fuel if the amount of fuel provided to start the engine exceeds a desired quantity.

26. (New) The method of claim 25, wherein said controlling includes calculating the engine acceleration from engine rotational speed and a time period determined relative to the initial operation of the engine.

27. (New) The method of claim 25, wherein said determining includes detecting performance of the engine at or above at least one of an engine speed threshold and an engine acceleration threshold.

28. (New) The method of claim 25, wherein the fuel is of a diesel type and the controlling engine acceleration comprises reducing fuel provided to the engine before the target engine speed is reached to reduce smoke output by the engine.

29. (New) The method of claim 25, wherein the engine includes a turbocharger.

30. (New) The method of claim 25, which includes:

- providing the electric power from the generator to a first input of a routing switch;
- providing a utility power bus input to a second input of the routing switch; and
- with the routing switch, selecting between the generator and the utility power bus to power an electric load bus.

31. (New) A method of generating electric power, comprising:

- providing an amount of fuel to start an internal combustion engine as a function of engine temperature, the engine including a number of combustion chambers and corresponding reciprocating pistons;

- determining initial operation of the engine as a function of rotational engine speed in response to said providing;

- controlling engine acceleration from the initial operation to reach a target engine speed at a target time, which includes reducing fuel supplied to the engine if the amount of fuel provided to start the engine exceeds a desired quantity; and

- driving an electric power generator with the engine.

32. (New) The method of claim 31, wherein the engine includes a turbocharger.

33. (New) The method of claim 31, which includes:

providing the electric power from the generator to a first input of a routing switch;
providing a utility power bus input to a second input of the routing switch; and
with the routing switch, selecting between the generator and the utility power bus to
power an electric load bus.

34. (New) The method of claim 31, wherein the fuel is of a diesel type and the controlling engine acceleration comprises reducing fuel provided to the engine before the target engine speed is reached to reduce smoke output by the engine.